

Title (en)

Freight deck, freight loading system and method for loading/unloading a freight area

Title (de)

Frachtdeck, Frachtladesystem und Verfahren zum Be-/Entladen eines Frachtraums

Title (fr)

Soute, système de chargement de cargaison et procédé de chargement/déchargement d'une soute

Publication

EP 2532582 A3 20140326 (DE)

Application

EP 12170867 A 20120605

Priority

DE 102011051007 A 20110610

Abstract (en)

[origin: EP2532582A2] The deck has a group (G1) of cargo conveyors (100, 110, 120, 130, 140, 150, 160, 170, 180, 190) for conveying of packages e.g. cargo containers, at conveying speed (v1) in an aircraft. Another group (G2) of cargo conveyors (200, 210, 220, 230, 240) is utilized for conveying of packages with another conveying speed (v2). The latter conveyor differs in conveying speed by amount of 50 percent of the conveying speed of the former conveyor. Independent claims are also included for the following: (1) a cargo loading system (2) a method for unloading and/or loading a cargo of an airplane.

IPC 8 full level

B64C 1/20 (2006.01); **B64D 9/00** (2006.01)

CPC (source: EP US)

B64D 9/00 (2013.01 - EP US); **B64D 2009/006** (2013.01 - EP US)

Citation (search report)

- [XY] DE 10158298 C1 20030410 - ESW EXTEL SYSTEMS WEDEL GES FU [DE]
- [YA] US 2010100225 A1 20100422 - REED BLAKE ALLEN [US], et al

Cited by

FR3037925A1; EP2937279A1; US9382004B2; EP2937279B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2532582 A2 20121212; EP 2532582 A3 20140326; EP 2532582 B1 20160817; DE 102011051007 A1 20121213;
US 2012312926 A1 20121213

DOCDB simple family (application)

EP 12170867 A 20120605; DE 102011051007 A 20110610; US 201213490958 A 20120607